FIG. 1

NO   X<=0   YES

211   0-X+T<X-0   NO   214   NO   X-0+T<0-X   212

YES   216   YES
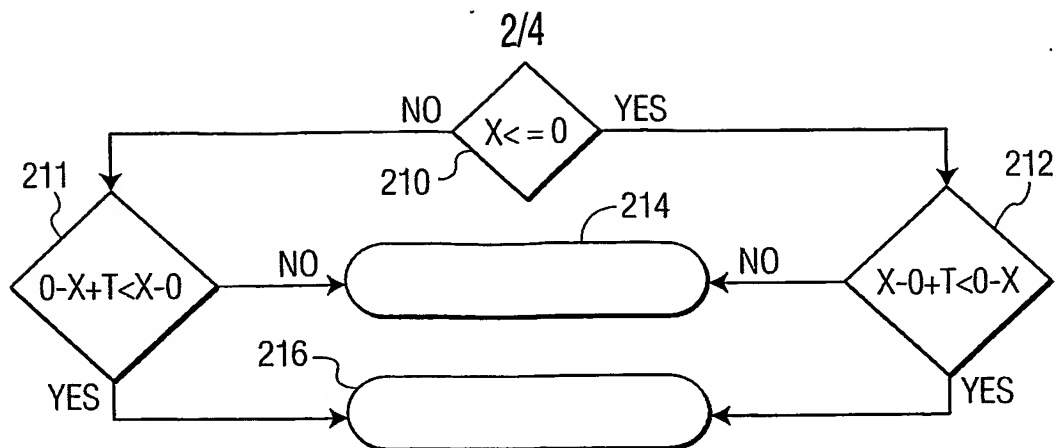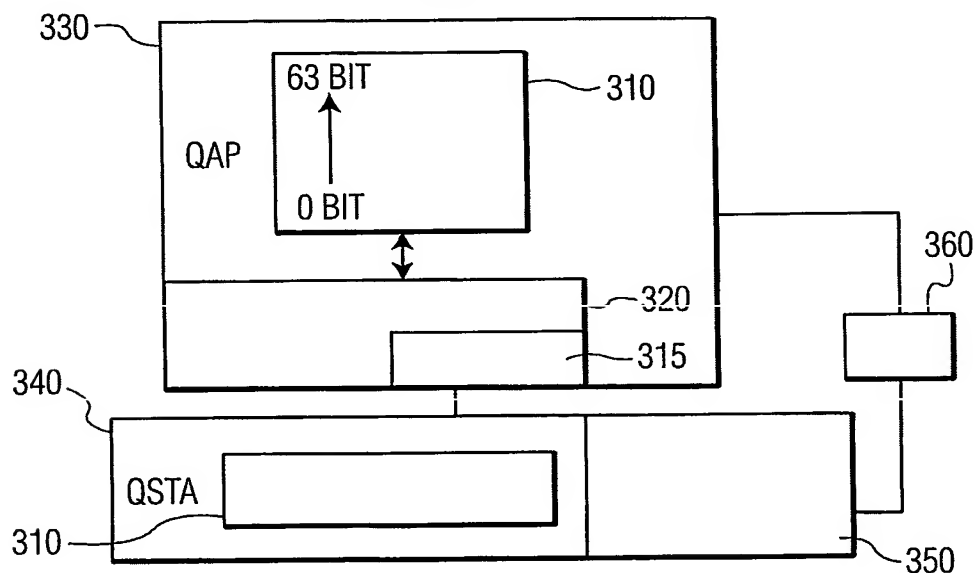
FIG. 2

330

63 BIT   310

QAP   0 BIT

320
315

360

340   QSTA

310   350

FIG. 3

1) TWO VARIABLES: T AND TIMEOUT
2) ASSUME T >> TIMEOUT. (IN OUR CASE T = 71 MINUTES, (E.G.) TIMEOUT = 5 MINUTES)
3) THE STATION RECEIVES X AT TIME 0

$$IF\ (0 < (0 - X) < TIMEOUT)$$
CASE 2   X IS A BACKWARD REFERENCE
$$IF\ ((0 + T - X) < TIMEOUT)$$
CASE 3   X IS A BACKWARD REFERENCE
ELSE
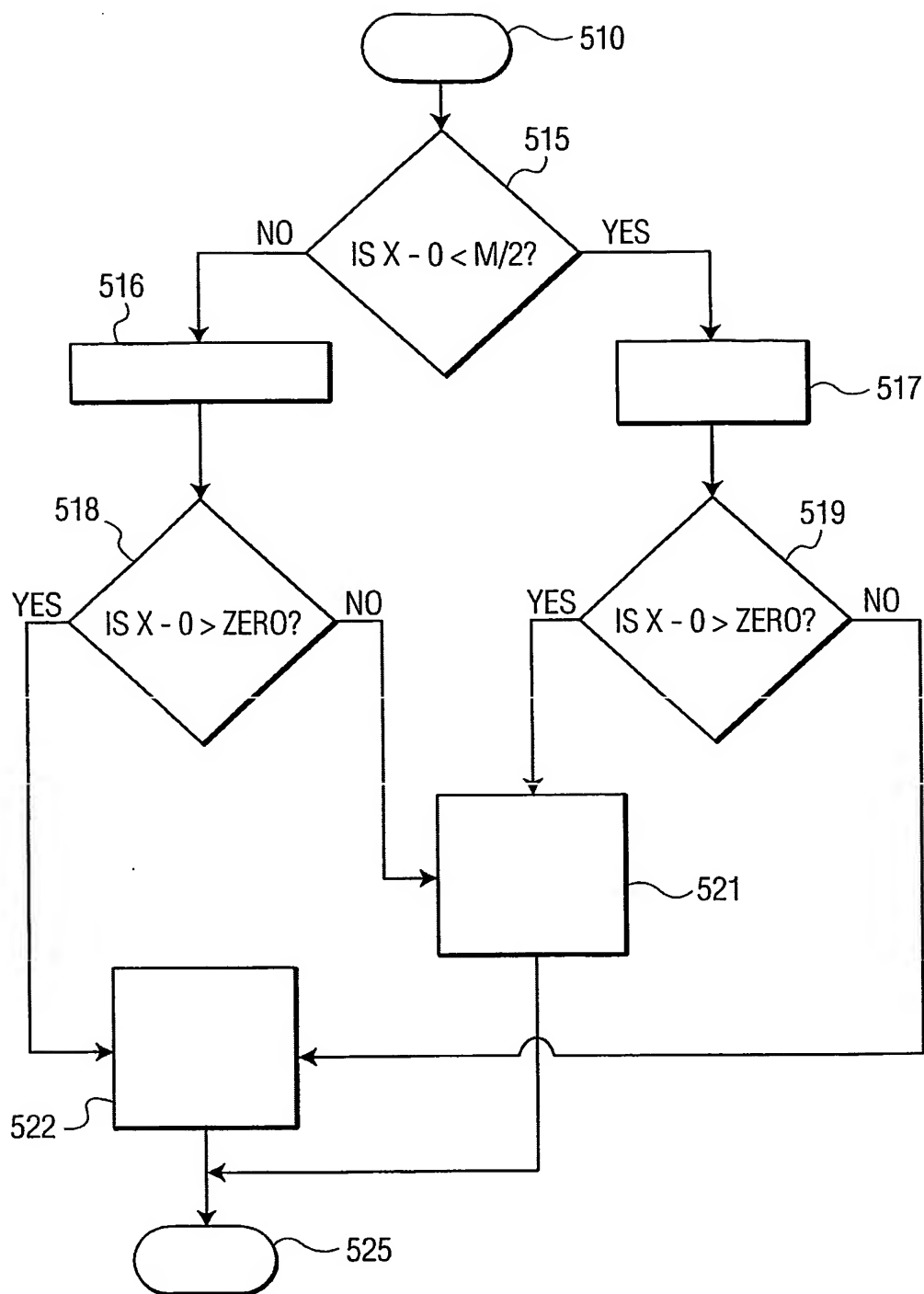CASE 1 AND 4   X IS A FORWARD REFERENCE

FIG. 4

FIG. 5

CASE NO	DID TIMER WRAP?	START LATER THAN RECVD. TIME?	ARITHMETIC	RESULT SIGN	MAGNITUDE OF DIFF
1	N	Y	X - 0	+	< M/2
2	N	N	X - 0	−	< M/2
3	Y	N	X - 0	+	=> M/2
4	Y	Y	X - 0	−	=> M/2

FIG. 6